

# PEAK ESCAPEMENT RECORD

NAME: Kitkun Bay, S. shore 1.25 miles from head

STREAM CATALOG NUMBER: 102-40-17

| DATE           | PINK      | CHUM     | OTHER SPECIES | REMARKS   |
|----------------|-----------|----------|---------------|---|
| Oct. 6, 1930   |           |          |               | 2,000 in stream. Pink spawned out (G)           |
| Sept. 25, 1940 | 3,000     |          |               | Good (G)  |
| Sept. 29, 1948 | 2,500     | 2,000    |               | Fair. 3,000 fish off mouth (G)                  |
| Aug. 31, 1949  | 1,000     |          |               | (G)   |
| Sept. 10, 1952 |           |          |               | No fish present (G)                             |
| Oct. 8, 1953   | 3         | 250      |               | None at mouth (G) .                             |
| Sept. 13, 1957 |           |          |               | 3,000 chum off mouth (G)                        |
| Oct. 11, 1961  |           | 1,150    |               | No fresh fish. Beaver dam stops fish (G)        |
| Sept. 6, 1962  |           | 500      |               | (A)   |
| Oct. 2, 1963   |           | 400      |               | 500 carcasses. Fair number for this stream. (F) |
| Aug. 29, 1964  | N.O.      |          |               | (F)   |
| Sept. 18, 1964 | 100       | 25       |               | (F)   |
| Sept. 13, 1965 |           |          |               | 250 fish intertidally. Beaver dams (A)          |
| Sept. 3, 1969  | 12        |          |               | (F)   |
| Sept. 12, 1970 |           |          |               | 2-300 chum intertidally, Many jumps in bay. (F) |
| Oct. 8, 1971   | 65        | 230      |               | (F)   |
| Oct. 4, 1972   | 20        | 7,300    |               | 45 chum intertidally. Vis good (F)              |
| Sept. 18, 1974 | ----est.1 | 500----- |               | 3 schools, Vis. poor (A)                        |

Name Kitkun Bay Stream #1 Catalog No. 102-40-10170  
Latitude N 55° 10' 09" 38" WR No. 102-40-17  
Longitude W 132° 09' 51" 19" K No. 144 (previous number 131A)  
Geodetic Map No. Craig - A-1 Work Area Ketchikan  
Location Cholmondeley Sound Watershed Length .7 mile  
Drainage Area of Watershed 1.39 sq. miles  
Water Supply Type Springs and runoff

Trails & Survey Routes Creek may be waded during normal flow, beaver dams may be hard to walk around.

Aerial Survey Notes Dense brush limits visibility.

Anchorage Good anchorage in Kitkun but entrance tricky to handle. Least depth - 1 fathom.

Tide Stage When Surveyed 1st half of ebb.

#### FISHERY RESOURCES

Commercial Fisheries Excellent chum producer.

Escapement Downey counted 6,000 chum in 1972 (this data was not listed in ADF&G stream survey book). Available spawning area - 6,020 M<sup>2</sup>

Species Composition Pink and chum salmon

Timing Late-late September - October.

Schooling areas School directly in front of mouth.

Shellfish Potential Dungeness crab off bay, clams present in high number in bay.

Sport Fisheries Cutthroat and Dolly Varden but main emphasis on commercial species.

Land Use at Present Presently under IDT study -- road has been proposed to parallell both sides of stream.

History of Land Use Supposedly a copper mine was located on this watershed. No other land use known.

Rehabilitation Potential None necessary - some wind throw present. Beaver dams not stopping fish migrations.

Soils Silt problem evident on the entire watershed.

#### WATER RESOURCES

|              |   |            |
|--------------|---|------------|
| beaver ----- | Fish carcasses or bones (old or fresh) on banks, estimate | 100        |
|              | Number of droppings                                       | 0          |
| bease -----  | Number seen on tide flats                                 | 2          |
|              | Number seen up creek                                      | 0          |
|              | Number of broods seen                                     | 0          |
| Hollands --- | Number seen on tide flats                                 | 25         |
|              | Number seen up creek                                      | 0          |
|              | Number of broods seen                                     | 0          |
| Amphibians - | Number of broods seen                                     | 0          |
| Bald Eagles- | Number seen along creek                                   | 0          |
|              | Number of nests seen and location                         | 0          |
| ducks -----  | Number seen at mouth of stream                            | 0          |
| Tide flats - | Estimate length along beach                               | 1/2 mile   |
|              | Estimate depth out from beach                             | 10-15 feet |
|              | Vel grass present on what percent of flats                | 5%         |